

ABSTRACT

The present invention makes it possible to produce at least one scored line in at least one plastic outer layer of a film. The device of the invention includes bearing surface for the film and at least one projection for forming the scored line by penetration of the projection into the plastic layer when the film is in position against the said bearing surface. The projections may be arranged in the form of ribs on one or more coaxial rollers. The projections may form the scored line by ultrasonic plastic flow, the film being compressed between a sonotrode and the rollers. The invention provides methods using these devices and it also provides films having scored lines, and packages having scored lines.